Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015305.D
Acq On : 02 Jul 2021 20:33
Operator : CG/JU
Sample : M2803-21MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D-20210621MSD

Manual Integrations APPROVED
mohammad
7/6/2021 10:03:14 AM

Quant Time: Jul 03 00:09:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	22248	0.40	ng		# 0.00
7) Naphthalene-d8	10.495	136	101661	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	54952	0.40	ng		0.00
19) Phenanthrene-d10	17.090	188	105946	0.40	ng		# 0.00
29) Chrysene-d12	21.291	240	82983	0.40	ng		#-0.01
35) Perylene-d12	23.532	264	65238	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.374	112	9017	0.16	ng		0.01
5) Phenol-d6	6.914	99	6625	0.09	ng		0.01
8) Nitrobenzene-d5	8.860	82	23642	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	54671m	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	7496	0.54	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	73138	0.33	ng		0.00
27) Fluoranthene-d10	19.127	212	127440	0.41	ng		0.00
31) Terphenyl-d14	19.733	244	94262	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	68082m	6.53	ng		
3) n-Nitrosodimethylamine	3.677	42	3179	0.16	ng	#	71
6) bis(2-Chloroethyl)ether	7.163	93	27000	0.38	ng	#	85
9) Naphthalene	10.546	128	92969	0.32	ng		97
10) Hexachlorobutadiene	10.837	225	16304	0.30	ng	#	98
12) 2-Methylnaphthalene	12.158	142	62453	0.33	ng	#	88
16) Acenaphthylene	14.066	152	89419	0.37	ng		98
17) Acenaphthene	14.408	154	56073	0.33	ng		98
18) Fluorene	15.398	166	71178	0.34	ng		99
20) 4,6-Dinitro-2-methylph...	15.474	198	349	0.37	ng	#	86
21) 4-Bromophenyl-phenylether	16.287	248	23629	0.35	ng		92
22) Hexachlorobenzene	16.397	284	24624	0.32	ng	#	92
23) Atrazine	16.555	200	22921	0.57	ng		94
24) Pentachlorophenol	16.750	266	14564	1.24	ng		99
25) Phenanthrene	17.127	178	123642	0.36	ng		98
26) Anthracene	17.224	178	114747	0.39	ng		99
28) Fluoranthene	19.157	202	145614	0.40	ng	#	97
30) Pyrene	19.520	202	146248	0.46	ng		99
32) Benzo(a)anthracene	21.270	228	123075	0.43	ng		98
33) Chrysene	21.323	228	117885	0.38	ng		98
34) Bis(2-ethylhexyl)phtha...	21.206	149	94636	1.01	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.791	276	67824	0.29	ng	#	88
37) Benzo(b)fluoranthene	22.861	252	102845	0.40	ng	#	95
38) Benzo(k)fluoranthene	22.906	252	101719	0.37	ng	#	95
39) Benzo(a)pyrene	23.436	252	73273	0.31	ng	#	92
40) Dibenzo(a,h)anthracene	25.805	278	52953	0.29	ng	#	91
41) Benzo(g,h,i)perylene	26.479	276	49105	0.24	ng	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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